MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

July, 1946

ROBERT W. SLOANE, DIRECTOR

Printed at the American Press
Beirut, Lebanon

LIBRARY
NOV 21 1955
WEATHER BUREAU

JULY 1946

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	56.2	54.3	53.9	54.8	31.8	23.8	28.8	30.5	26.1	28.5
2	3.7	3.2	3.6	3.5	33.2	23.1	29.3	31.7	25.2	28.7
3	3.1	2.8	3.0	3.0	33.9	23.4	28.4	32.2	25.7	28.8
4	3.5	3.7	3.9	3.7	33.5	22.9	28.7	32.1	25.0	28.6
5	4.2	3.9	3.8	4.0	33.7	22.9	28.1	31.6	25.6	28.4
6	53.5	56.5	54.4	54.8	33.6	22.9	28.7	31.6	25.6	28.6
7	6.1	6.8	6.0	6.3	35.6	25.3	28.8	31.7	26.5	29.0
8	6.9	6.5	6.7	6.7	36.0	24.0	28.9	33.7	28.1	30.2
9	4.9	4.6	4.3	4.6	35.4	23.5	28.9	33.8	26.1	29.6
10	3.3	2.9	3.0	3.1	34.4	23.3	28.8	32.3	26.1	29.1
11	52.0	51.8	53.1	52.3	33.1	23.4	29.8	32.1	24.0	28.6
12	3.9	4.0	5.0	4.3	33.5	23.7	29.0	31.6	25.9	28.8
13	6.2	6.9	8.1	7.1	33.4	23.8	29.5	31.5	31.6	30.9
14	5.8	7.1	8.0	7.0	33.2	23.1	29.2	31.7	31.3	30.7
15	7.5	6.4	6.6	6.8	33.4	22.8	28.8	31.8	25.1	28.6
16	56.4	55.6	56.0	56.0	33.2	23.4	28.8	31.5	25 1	28.5
17	6.6	6.9	7.1	6.9	33.2	24.8	28.3	30.6	24.9	27.9
18	7.3	7.2	7.9	7.5	31.5	24.1	28.7	29.0	26.2	28.0
19	6.9	6.8	6.4	6.7	33.2	23.4	28.3	31.1	25.6	28.3
20	5.6	5.4	4.6	5.2	33.3	24.4	28.3	30.9	25.6	28.3
21	53.7	53.5	53.9	53.7	34.4	25.3	29.4	32.2	25.7	29.1
22	2.9	2.5	2.8	2.7	33.3	24.2	30.1	31.8	26.1	29.3
23	2.5	2·3	2.9	2.6	33.8	24.0	29.7	32.3	26.3	29.4
24	3.3	3.2	3.9	3.5	34.7	23.0	28.8	33.2	25.9	29.3
25	3.3	3.5	4.1	3.6	34.3	24.9	29.3	32.2	26.2	29.2
26	54.5	54.4	54.8	54.6	34.3	24.4	30.1	32.7	26.7	29.8
27	4.4	3.7	3.9	4.0	34.0	25.1	29.7	32.4	26.5	29.5
28	2.1	1.4	1.8	1.8	34.6	25.9	29.4	33.2	26.2	29.6
29	1.2	0.8	1.8	1.3	34.6	24.6	30.2	33.2	26.7	30.0
30	3.1	4.1	5.3	4.2	34.6	24.2	29.9	32.7	26.3	29.6
31	7.2	7.2	7.3	7.2	33.9	24.6	28.8	32.2	26.7	29.2
	54.57	54.51	54.77	54.63	33.82	23.94	29.08	31.97	26.27	29.10

Barometer, range for month 750.8 — 757.9mm.

,, 62-yr. average for month 755.54 mm.

Thermometer, range for month 22.8° — 36.0°C

,, 62-yr. average for month 27.°92 C.

Rain, total for month 0.0 m.m.

,, 62-yr. average for month 0.51 m.m.

,, Total, Sept. 1st. to end of month 895.35 mm.

,, 62-yr. average, Sept. 1st. to end of month 884.43 mm

JULY 1946

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor mm.				Relative Humidity per cent.				Sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	25.0	20.2	18.7	21.3	84	61	74	73	13.1	451.0	
2	19.9	22.6	18.5	20.3	65	65	77	69	13.1	169.0	
3	20.6	20.2	19.2	20.0	72	56	78	69	13.0	217.0	
4	20.1	21.3	19.8	20.4	70	60	84	71	13.0	562.0	
5	20.2	20.9	20.4	20.5	72	60	84	72	13.0	370.0	
6	21.5	21.4	20.7	21.2	73	62	85	73	12.8	174.0	
7	20.6	20.5	20.0	20.4	69	59	77	68	12.7	237.0	
8	22.9	22.3	23.1	22.8	77	57	83	72	12.9	148.0	
9	22.2	21.3	20.2	21.2	75	54	80	70	12.8	274.0	
10	19.9	22.5	20.3	20.9	67	62	81	70	13.0	573.0	
11	19.4	18.7	16.4	18.2	62	53	73	63	12.9	444.0	
12	17.9	13.3	19.3	16.8	60	38	78	59	12.8	534.0	
13	19.7	18.5	11.7	16.6	64	54	33	50	12.8	278.0	
14	21.5	19.3	14.2	18.3	71	55	41	56	13.0	249.0	
15	19.0	16.9	16.7	17.5	64	48	70	61	12.9	277.0	
16	17.3	18.3	18.4	18.0	59	53	71	61	12.4	150.0	
17	19.1	19.7	19.2	19.3	66	60	81	69	12.5	177.0	
18	20.0	20.2	22.6	20.9	69	67	90	75	12.7	172.0	
19	16.4	20.9	20.4	19.2	57	61	84	67	12.5	267.0	
20	20.5	19.9	19.4	19.9	72	59	79	70	12.6	333.0	
21	22.1	22.5	20.4	21.7	72	62	83	72	12.6	381.0	
22	22.5	21.7	21.3	21.8	71	62	85	73	12.4	502.0	
23	22.4	22.4	21.6	22.1	71	62	85	73	12.6	209.0	
24	21.5	25.5	21.6	22.9	72	68	87	76	13.0	259.0	
25	21.7	21.3	21.2	21.4	71	59	84	71	12.4	518.0	
26	23.0	26.5	21.0	23.5	72	72	81	75	12.6	457.0	
27	19.6	21.2	21.3	20.7	63	58	83	68	12.1	539.0	
28	20.3	25.1	21.2	22.2	66	64	84	71	12.3	565.0	
29	21.0	22.7	21.2	21.6	65	60	82	69	12.4	496.0	
30	21.7	22.3	21.1	21.7	68	60	83	70	12.4	393.0	
31	21.3	22.1	21.9	21,8	72	61	85	73	12.3	185.0	
	20.67	21.01	19.77	20.48	68.7	59.1	78.2	68.6	12.69	340.74	

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of reading minus 2 hours equals G.C.T.
62 year averages are for period, 1875-1936

JULY 1946

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	1cu	0	0	0.3	1sw	1sw	1nw	calm	
2	0	0	0	0.0	0	1sw	0	,,	
3	0	0	0	0.0	1w	1sw	0	,,	
4	0	0	0	0.0	1sw	1sw	0	,,	
5	1cu	0	0	0.3	1sw	1sw	0	,,	
6	1cu	1cu	0	0.7	1sw	1sw	0	calm	
7	0	0	0	0.0	1sw	2sw	0	,,	
8	1cu	0	0	0.3	0	1sw	0	,,	
9	0	0	0	0.0	1ne	1nw	0	,,	
10	0	0	0	0.0	3sw	2sw	2sw	,,	
11	0	0	0	0.0	3sw	2sw	1sw	calm	
12	1cu	0	0	0.3	1sw	2sw	1sw	,,	
13	1cu	1cu	0	0.7	2sw	2sw	1sw	light	
14	0	1cu	1cu	0.7	1sw	2sw	1sw	calm	
15	0	0	0	0.0	1sw	1nw	0	,,	
16	1cu	0	0	0.3	0	1nw	0	calm	
17	2st	3st	0	1.7	1nw	1nw	0	,,	
18	5cu-st	10cu	1cu	5.3	1nw	0	1sw	,,	
19	3ci	0	0	1.0	0	1 w	0	,,	
20	0	0	0	0.0	3sw	2w	0	light	
21	1cu	0	0	0.3	3sw	2sw	0	light	
22	0	0	0	0.0	1sw	1sw	0	calm	
23	1cu	0	0	0.3	2sw	1sw	0	,,	
24	0	0	0	0.0	1sw	1sw	0	,,	
25	0	0	0	0.0	2sw	2sw	0	,,	
26	1cu	5ci	0	2.0	3sw	1sw	1sw	calm	
27	1cu	0	0	0.3	1sw	2sw	0	,,	
28	0	0	0	0.0	2sw	2w	2sw	,,	
29	1cu	0	6cu	2.3	2sw	2sw	1sw	,,	
30	0	0	0	0.0	2sw	2sw	0	,,	
31	0	0	2cu	0.7	1sw	1sw	0	,,	
				0.56					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	1	0	0	0	23	1	2	4	31
14:30	0	0	0	0	0	23	3	4	1	31
20:30	0	0	0	0	0	9	0	1	21	31
Totals	0	1	0	0	0	55	4	7	26	93

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.

62 yr av. number of days with rain during month 0.2